

ABSTRACT OF THE DISCLOSURE

A video transmission apparatus for connecting to a network has a peripheral block including a video processing unit for generating compressed video data of video signals and a network control unit for controlling transmission and reception of compressed video data through a transmission medium such as a network, and a central processing unit block including a storage unit for storing the compressed image data, a central processing unit for executing data processing and a central control unit for controlling each of these units in cooperation with the central processing unit, each of the units inside the peripheral block and inside the central processing unit block is successively connected in series by first and second buses, and the first and second buses are connected through a bus buffer.